Inten.....al Application No

A. CLASSIF IPC 7	GOESS/14							
According to International Patent Classification (IPC) or to both national classification and IPC								
B. FIELDS SEARCHED								
Minimum documentation searched (classification system followed by classification symbols)  IPC 7 G01S H04L								
Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched								
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)								
EPO-Int	ternal, WPI Data, PAJ, INSPEC							
C. DOCUME	NTS CONSIDERED TO BE RELEVANT							
Category °	Citation of document, with indication, where appropriate, of the relevance	ant passages	Relevant to claim No.					
A	BAHL P ET AL: "RADAR: an in-build RF-based user location and trackin system" INFOCOM 2000. NINETEENTH ANNUAL JC CONFERENCE OF THE IEEE COMPUTER ALCOMMUNICATIONS SOCIETIES. PROCEED IEEE TEL AVIV, ISRAEL 26-30 MARCH PISCATAWAY, NJ, USA, IEEE, US, 26 March 2000 (2000-03-26), page 775-784, XP010376167 ISBN: 0-7803-5880-5 cited in the application abstract page 781, right-hand column, last paragraph -page 782, left-hand coparagraph 2	ng DINT ND INGS. 2000,	1,6					
X Furt	her documents are listed in the continuation of box C.	Patent family members are listed	in annex.					
*A' document defining the general state of the art which is not considered to be of particular relevance  *E' earlier document but published on or after the international filling date  *L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  *O' document referring to an oral disclosure, use, exhibition or other means  *P' document published prior to the international filing date but later than the priority date claimed		T' later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person sidiled in the art.  8' document member of the same patent family  Date of mailing of the international search report						
Date of the actual completion of the international search  10 February 2004		18/02/2004						
Name and	mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer  Roost, J						



Interr | Application No PCT/IB 03/05161

		PC1/18 03/05161		
C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	<del>-</del>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.	
A	SKELLERN D J ET AL: "A HIGH-SPEED WIRELESS LAN" IEEE MICRO, IEEE INC. NEW YORK, US, vol. 17, no. 1, 1997, pages 40-47, XP000642695 ISSN: 0272-1732 page 43, section: Transceiver		1,6	
A	page 43, section: Transceiver  PATENT ABSTRACTS OF JAPAN vol. 1995, no. 05, 30 June 1995 (1995-06-30) & JP 07 038562 A (MITSUBISHI ELECTRIC CORP), 7 February 1995 (1995-02-07) abstract figure 2		1,6	



Interna

il Application No

PCT/IB 03/05161

Patent document cited in search report		Publication date	Patent fam member(s		Publication date	
JP 07038562	A	07-02-1995	NONE			